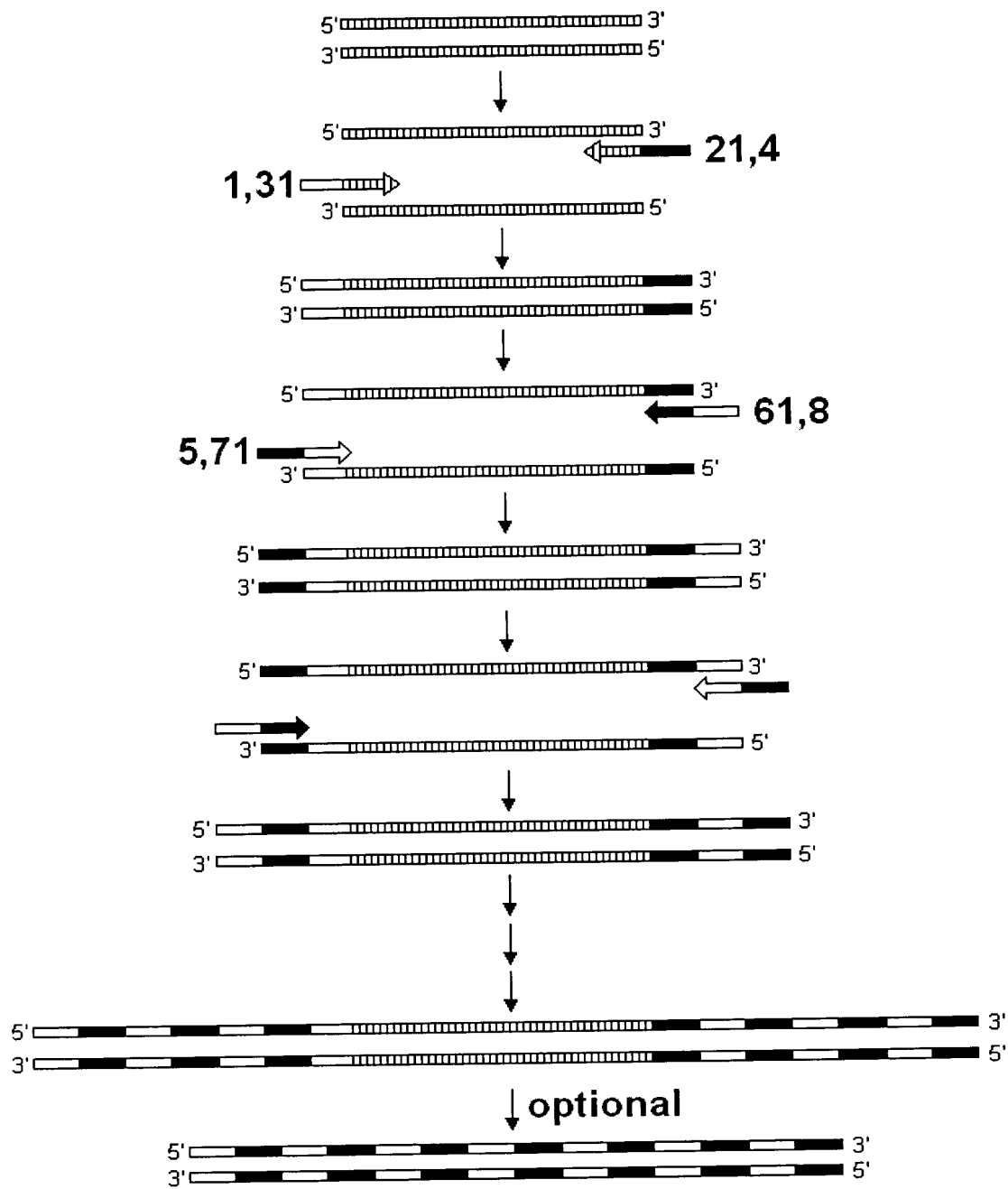


FIG. 1



Marker 1

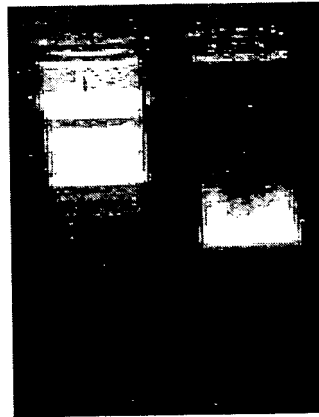


FIG. 3a

Marker 1

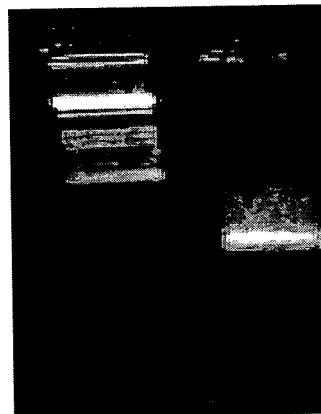


FIG. 3b

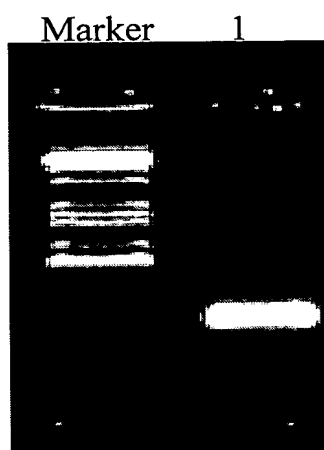


FIG. 4a



FIG. 4b

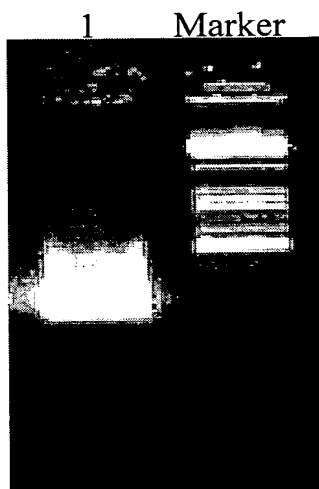


FIG. 4c

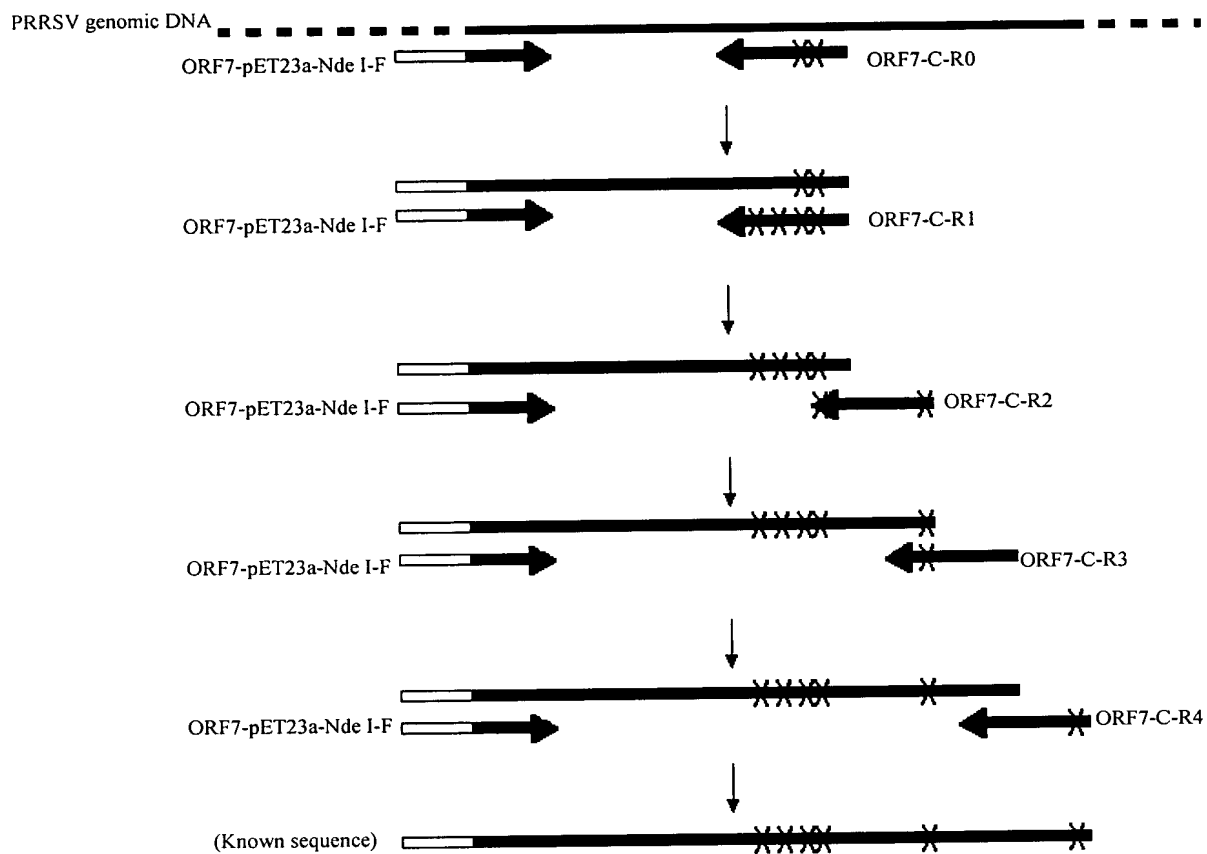


FIG. 5

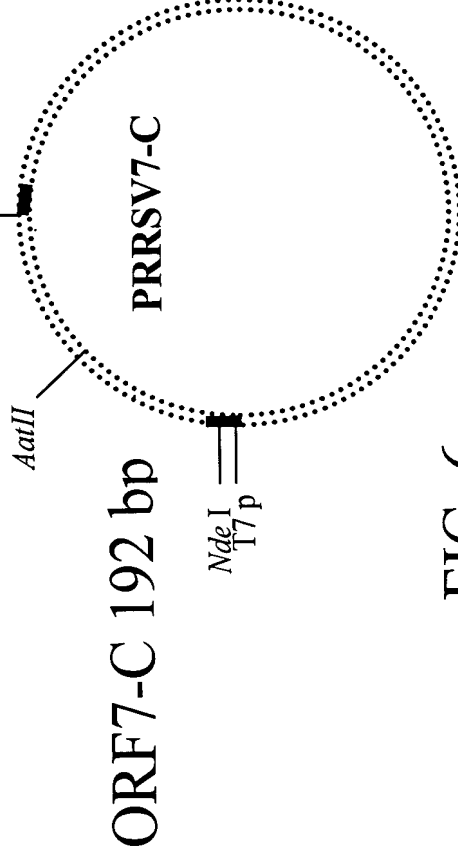
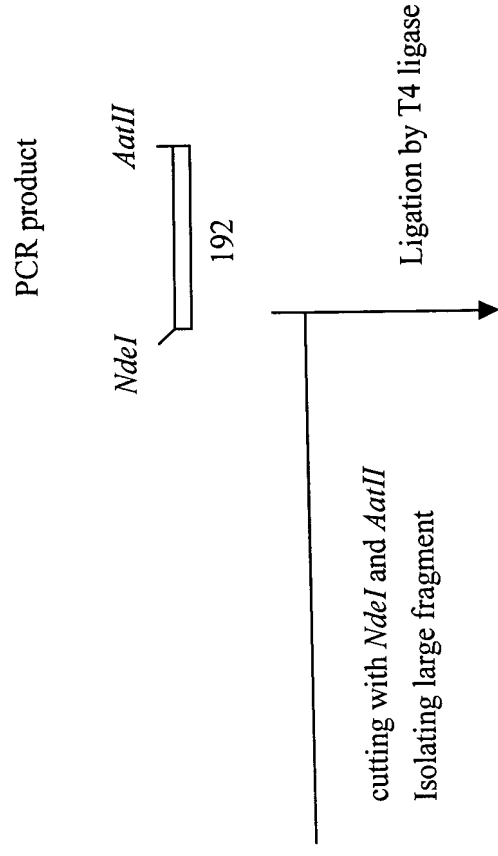
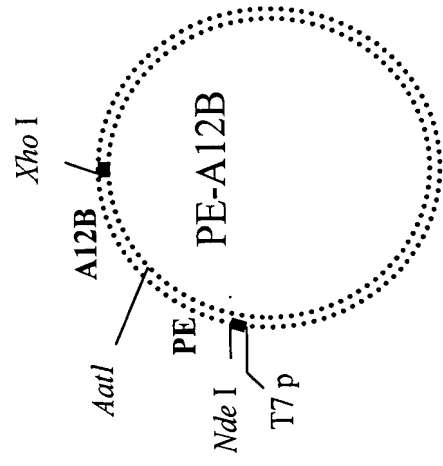
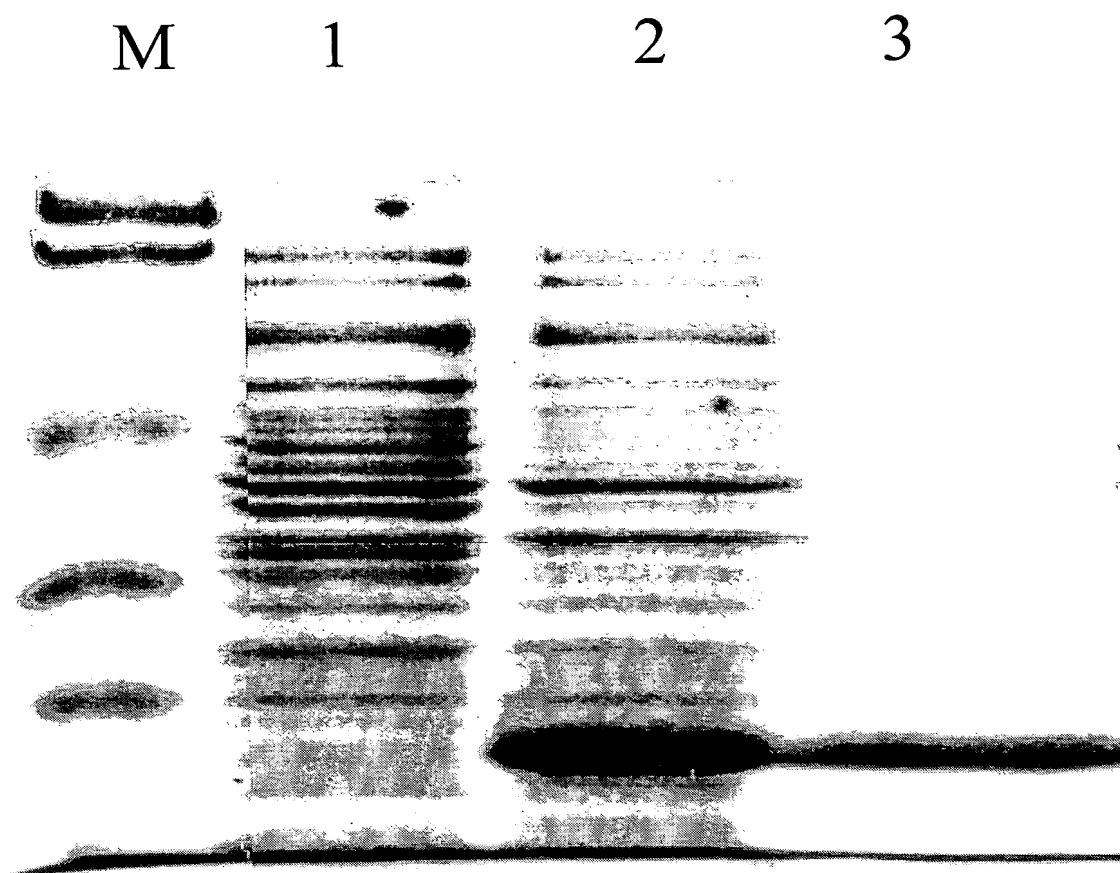


FIG. 6



M: marker;

1: total lyse (original)

2: IPTG induction of FMD-vpg-3B protein

3 : Purification of FMD-vpg-3B protein

FIG. 7